

Applicant : Masatsugu Ma et al.

Serial No. :

Filed :

Page : 3

Attorney Docket No.: 06501-075001 /
C2-012DP1PCT-USREMARKS

Claims 1 to 12 are pending in this application, claims 4, 7, 8, 9 and 11 having been amended to delete multiple dependency. No new matter has been added.

Attached is a marked-up version of the changes being made by the current amendment.

Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

April 6, 2001

John T. Li
Reg. No. 44,210

U.S. Pat. Reg. No. 34,819

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

Applicant : Masatsugu Ma et al.
Serial No. :
Filed :
Page : 4

Attorney Docket No.: 06501-075001 /
C2-012DP1PCT-US

Version with markings to show changes made

In the claims:

4. (Amended) A DNA encoding the protein or peptide of [any of claims 1 to 3] claim 1.
7. (Amended) A method of producing [the] a protein or peptide [of any of claims 1 to 3,] comprising the steps of: cultivating the transformant of claim 6, and recovering the protein or peptide expressed therein.
8. (Amended) A method of screening for a compound that is capable of binding to the protein of claim 1, comprising the steps of:
- (a) exposing a test sample to the protein or peptide of [any of claims 1 to 3] claim 1, and
 - (b) selecting the compound that binds to the protein or peptide of [any of claims 1 to 3] claim 1.
9. (Amended) A method of screening for a ligand and/or agonist that is capable of binding to the protein of claim 1, comprising the steps of:
- (a) exposing a test sample to a cell expressing the protein or peptide of [any of claims 1 to 3] claim 1 on its surface,
 - (b) measuring a biochemical change in said cell, and
 - (c) selecting the compound that induces said biochemical change in said cell.
11. (Amended) A method of detecting or measuring [the] a protein or peptide [of any of claims 1 to 3,] comprising the steps of: exposing the antibody of claim 10 to a sample which is assumed to comprise said protein or peptide, and detecting or measuring the generation of an immune complex between said antibody and said protein or peptide.